

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 投光灯

灯具描述: F3073A-60-UN (60-OL-60WN-AA, L520mm, C, CT)

报告编号:

电压(V): 219.4000

测试编号: 202104210011

电流(A): 0.3240

光源规格型号: OL

功率(W): 69.6000

每个光源光通量(lm)

功率因数: 0.9800

光源数量: 24

镇流器型号:

发光面长度(mm): 460

发光面宽度(mm): 100

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 6009.93

灯具效能(lm/w): 86.35

中心光强(cd): 5797.526

最大光强(cd): 5877.333

最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=54.0

[C90/270]Total=54.1

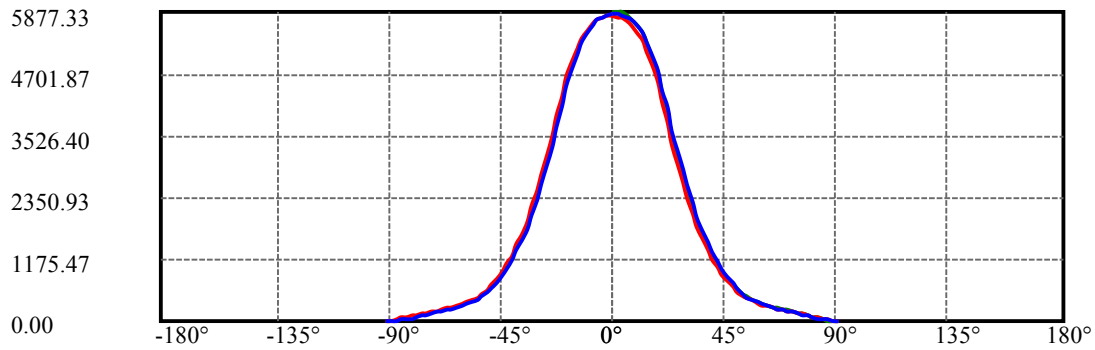
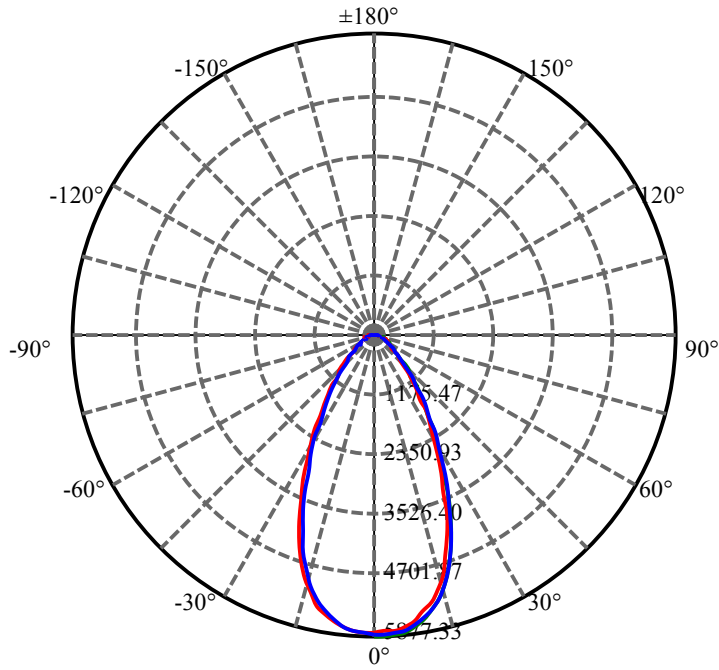
光束扩散角(10%Imax): [C0/180]Total=100.2

[C90/270]Total=99.8

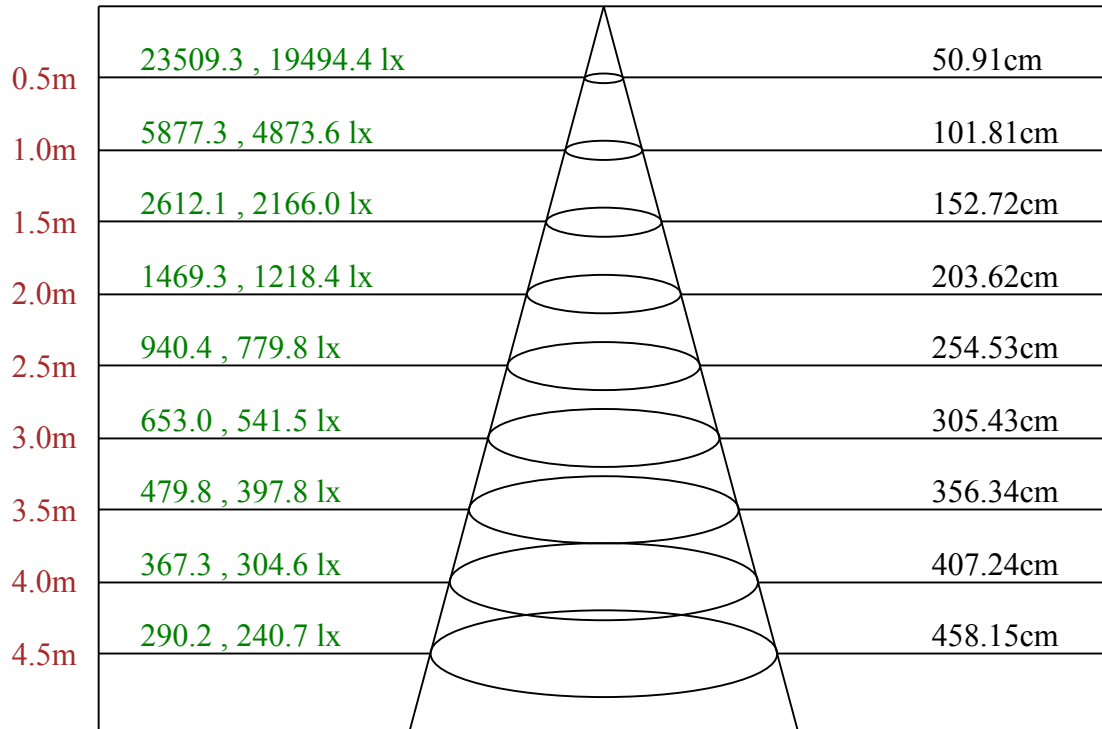
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/21
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

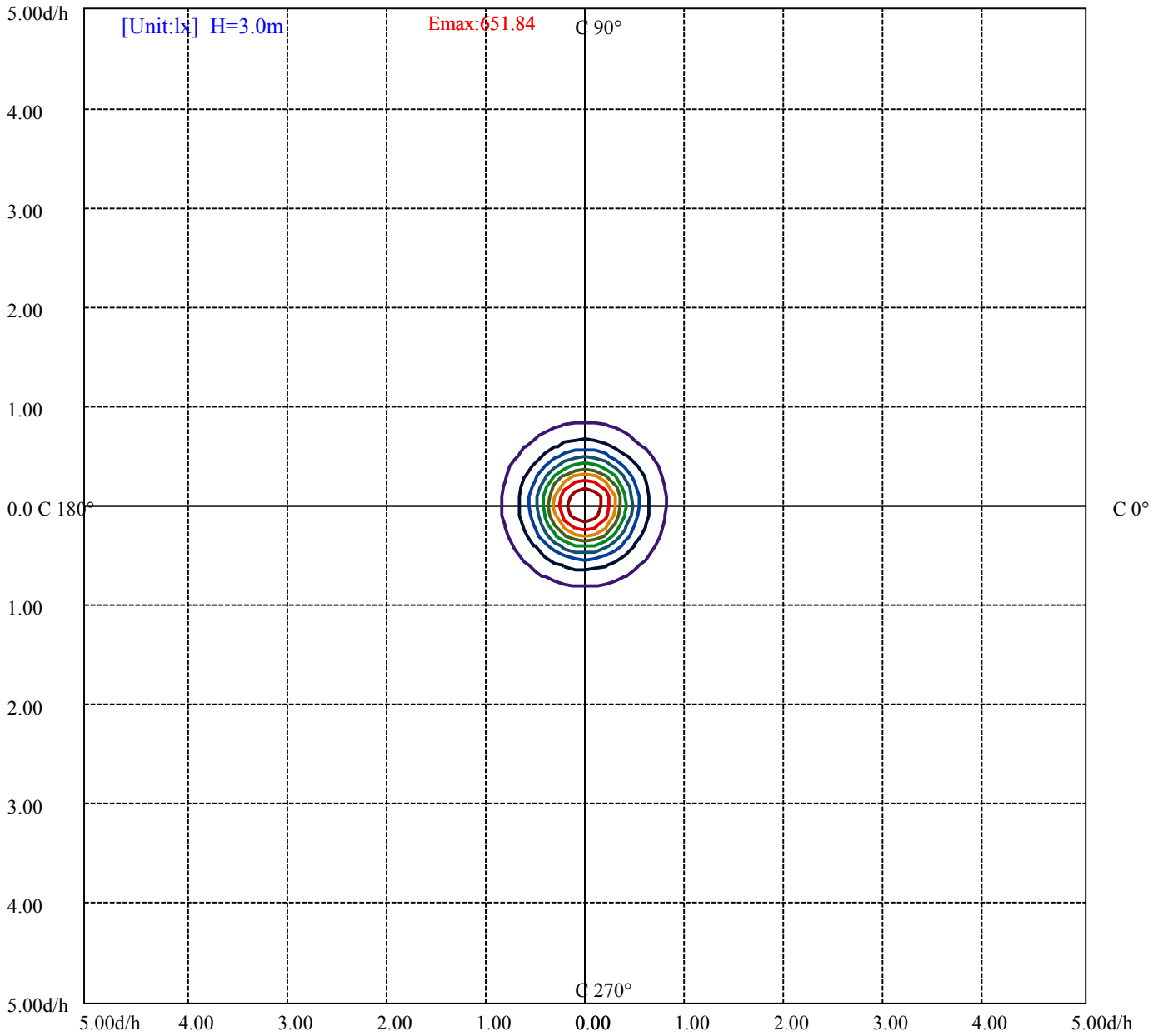


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角53.95

ROLED 投光灯
平面等照度曲线



(10%Emax) 65.18433	—
(20%Emax) 130.3689	—
(30%Emax) 195.5533	—
(40%Emax) 260.7367	—
(50%Emax) 325.9211	—
(60%Emax) 391.1056	—
(70%Emax) 456.29	—
(80%Emax) 521.4744	—
(90%Emax) 586.6589	—

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/21
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

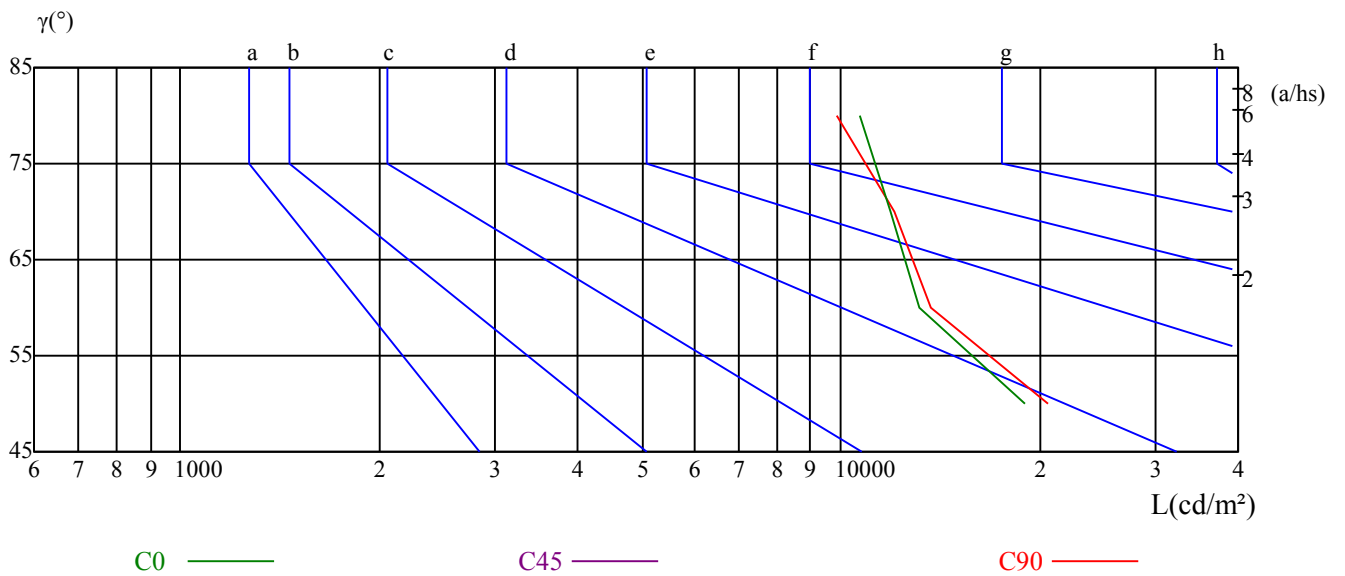
γ	45	50	55	60	65	70	75	80	85
C0	0	19049	0	13179	0	11901	0	10712	0
C45	0	0	0	0	0	0	0	0	0
C90	0	20658	0	13676	0	12052	0	9895	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

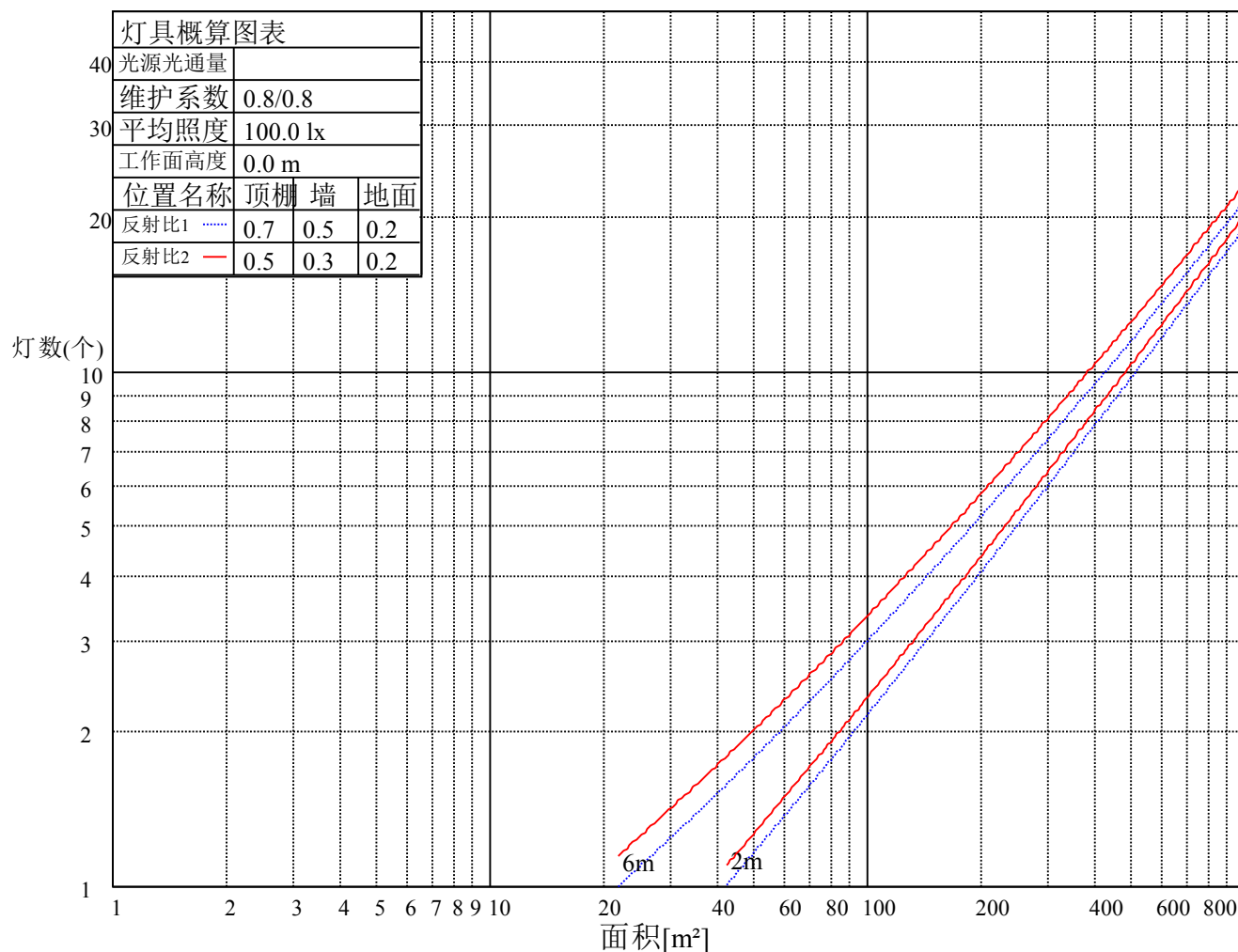
亮度限制曲线



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	12.19	13.42	12.55	13.73	14.04	12.43	13.66	12.80	13.97	14.29
	3H	13.64	14.73	14.02	15.07	15.43	13.96	15.05	14.34	15.38	15.75
	4H	14.20	15.22	14.61	15.57	15.96	14.61	15.62	15.01	15.97	16.36
	6H	14.55	15.48	14.96	15.85	16.25	15.11	16.04	15.53	16.42	16.81
	8H	14.62	15.50	15.05	15.90	16.30	15.27	16.16	15.71	16.55	16.95
	12H	14.69	15.53	15.12	15.91	16.34	15.46	16.31	15.90	16.69	17.12
4H	2H	12.67	13.69	13.08	14.04	14.43	12.87	13.89	13.28	14.24	14.63
	3H	14.35	15.19	14.77	15.59	16.00	14.67	15.50	15.08	15.91	16.31
	4H	15.04	15.79	15.48	16.21	16.66	15.44	16.19	15.88	16.61	17.06
	6H	15.42	16.06	15.88	16.51	16.97	15.97	16.61	16.43	17.06	17.53
	8H	15.52	16.12	15.99	16.57	17.04	16.18	16.78	16.65	17.23	17.70
	12H	15.59	16.12	16.08	16.60	17.08	16.38	16.90	16.86	17.39	17.86
8H	4H	15.30	15.90	15.77	16.35	16.82	15.66	16.26	16.13	16.71	17.18
	6H	15.78	16.27	16.29	16.77	17.25	16.31	16.80	16.82	17.30	17.78
	8H	15.94	16.37	16.46	16.89	17.38	16.59	17.03	17.12	17.54	18.04
	12H	16.51	16.90	17.03	17.39	17.96	17.26	17.64	17.78	18.14	18.71
12H	4H	15.32	15.84	15.80	16.33	16.80	15.65	16.18	16.14	16.66	17.14
	6H	16.34	16.26	16.36	16.73	17.28	16.85	16.77	16.86	17.24	17.78
	8H	16.02	16.40	16.53	16.89	17.47	16.65	17.03	17.17	17.53	18.10
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.1					0.7/-1.1					
S = 1.5H	1.6/-1.4					1.4/-1.4					
S = 2.0H	3.2/-1.6					2.8/-1.5					
标准表格	BK3					BK3					
更正系数	5.0					5.0					

ROLED 投光灯

灯具的概算曲线



ROLED 投光灯

灯具的利用系数表

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.09	1.06	1.03	1.06	1.04	1.01	1.02	1.00	0.98	0.99	0.97	0.95	0.95	0.94	0.92	0.90
2	0.99	0.94	0.90	0.97	0.93	0.89	0.94	0.90	0.87	0.91	0.88	0.85	0.88	0.86	0.83	0.81
3	0.91	0.85	0.80	0.89	0.84	0.79	0.87	0.82	0.78	0.84	0.80	0.77	0.82	0.78	0.76	0.74
4	0.84	0.77	0.72	0.82	0.76	0.72	0.80	0.75	0.71	0.78	0.74	0.70	0.76	0.72	0.69	0.67
5	0.77	0.71	0.66	0.76	0.70	0.65	0.74	0.69	0.65	0.73	0.68	0.64	0.71	0.67	0.63	0.62
6	0.72	0.65	0.60	0.71	0.65	0.60	0.69	0.64	0.59	0.68	0.63	0.59	0.67	0.62	0.58	0.57
7	0.67	0.60	0.55	0.66	0.60	0.55	0.65	0.59	0.55	0.64	0.58	0.55	0.62	0.58	0.54	0.53
8	0.63	0.56	0.51	0.62	0.56	0.51	0.61	0.55	0.51	0.60	0.55	0.51	0.59	0.54	0.50	0.49
9	0.59	0.52	0.48	0.58	0.52	0.48	0.57	0.52	0.48	0.56	0.51	0.47	0.56	0.51	0.47	0.46
10	0.55	0.49	0.45	0.55	0.49	0.45	0.54	0.48	0.45	0.53	0.48	0.44	0.53	0.48	0.44	0.43

ROLED 投光灯

光强数据表(cd)

附页 第9页 共10页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	5797.53	5786.02	5760.69	5706.21	5624.87	5489.81	5334.03	5117.63	4849.82
30.0	5877.33	5875.80	5861.99	5822.08	5746.11	5626.40	5479.06	5276.48	5009.43
60.0	5855.85	5856.61	5842.80	5806.73	5726.16	5608.75	5449.14	5238.88	4984.11
90.0	5828.22	5829.76	5817.48	5786.02	5717.72	5604.91	5464.48	5277.24	5042.43
120.0	5822.08	5822.08	5802.13	5767.60	5693.16	5578.82	5426.88	5225.83	4984.11
150.0	5807.50	5808.27	5788.32	5756.85	5684.72	5578.82	5434.56	5242.71	5007.13
180.0	5797.53	5792.92	5769.90	5725.39	5643.28	5523.57	5380.07	5182.09	4940.37
210.0	5877.33	5863.52	5832.82	5774.50	5675.51	5534.32	5360.12	5126.84	4850.58
240.0	5855.85	5842.80	5813.64	5756.85	5659.40	5519.74	5344.01	5113.79	4836.77
270.0	5828.22	5813.64	5782.18	5715.42	5609.52	5469.09	5301.80	5064.68	4773.08
300.0	5822.08	5812.87	5788.32	5728.46	5629.47	5493.64	5318.68	5091.54	4799.17
330.0	5807.50	5795.99	5769.13	5707.74	5601.84	5460.65	5287.99	5047.80	4752.36
360.0	5797.53	5786.02	5760.69	5706.21	5624.87	5489.81	5334.03	5117.63	4849.82
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4519.84	4157.64	3771.65	3354.97	3000.44	2642.08	2338.19	2048.13	1779.54
30.0	4705.55	4344.88	3967.33	3544.51	3179.24	2817.80	2493.97	2184.72	1907.70
60.0	4668.72	4328.77	3917.45	3540.67	3156.22	2817.04	2484.00	2174.74	1897.72
90.0	4740.08	4397.83	4037.17	3616.64	3249.84	2889.17	2575.31	2256.85	1969.85
120.0	4666.41	4337.98	3956.59	3589.78	3211.47	2853.87	2536.95	2228.46	1947.60
150.0	4702.48	4384.02	4012.61	3626.62	3246.00	2888.40	2569.17	2258.39	1989.81
180.0	4638.79	4287.33	3896.74	3525.33	3143.94	2787.11	2476.32	2172.44	1896.19
210.0	4522.91	4175.29	3783.93	3404.08	3033.44	2685.82	2383.47	2084.19	1833.26
240.0	4525.22	4166.08	3770.12	3383.36	3035.74	2682.75	2362.75	2086.50	1817.91
270.0	4457.69	4074.77	3692.61	3308.16	2942.12	2607.54	2304.43	2008.99	1761.13
300.0	4486.08	4119.27	3740.96	3350.36	2987.39	2632.10	2315.17	2042.75	1778.78
330.0	4436.97	4064.79	3689.54	3308.16	2940.58	2594.50	2281.41	2003.62	1745.01
360.0	4519.84	4157.64	3771.65	3354.97	3000.44	2642.08	2338.19	2048.13	1779.54
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1559.31	1353.65	1166.41	1007.56	875.58	751.26	652.27	563.25	485.75
30.0	1672.11	1452.64	1258.50	1088.14	945.41	814.95	703.68	610.83	528.72
60.0	1667.51	1456.02	1260.26	1097.88	947.33	822.09	708.06	608.99	522.28
90.0	1730.43	1502.52	1299.93	1121.90	973.03	835.67	719.80	610.83	519.51
120.0	1701.27	1497.69	1296.87	1130.19	975.57	840.12	723.87	627.18	537.24
150.0	1736.57	1510.96	1311.45	1141.09	985.31	848.72	736.68	633.85	552.51
180.0	1653.70	1454.41	1258.19	1087.45	944.26	812.19	699.31	601.93	523.27
210.0	1527.15	1405.45	1216.06	1054.84	908.65	783.95	683.04	588.50	514.60
240.0	1594.61	1378.97	1200.18	1039.03	898.60	777.35	671.45	583.21	497.26
270.0	1521.55	1334.24	1159.74	996.28	861.15	739.37	638.15	542.23	465.87
300.0	1557.77	1354.42	1165.64	1008.33	877.11	754.33	650.73	564.02	484.21
330.0	1529.30	1332.24	1158.74	996.13	863.22	744.35	643.91	559.11	485.98
360.0	1559.31	1353.65	1166.41	1007.56	875.58	751.26	652.27	563.25	485.75
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	424.36	388.29	336.65	303.11	275.64	250.01	227.99	206.88	187.24
30.0	461.19	406.71	366.12	329.59	300.66	273.34	248.32	225.76	201.90
60.0	453.29	394.74	348.24	313.40	283.09	256.00	230.67	208.73	185.70
90.0	451.22	393.66	351.46	314.55	284.16	255.84	233.13	209.42	189.62
120.0	461.73	403.49	354.68	316.62	285.92	259.99	234.51	213.02	191.31
150.0	476.54	419.75	381.62	335.65	305.49	277.87	253.77	230.60	207.81
180.0	454.13	401.03	354.99	317.77	287.31	262.14	238.88	217.70	198.14
210.0	451.37	400.80	356.52	324.45	295.06	268.66	245.56	221.16	198.75
240.0	434.33	388.29	340.18	305.95	276.41	250.70	225.69	202.13	178.57
270.0	410.01	361.82	323.30	291.68	262.21	237.12	215.10	192.84	173.12
300.0	422.82	370.41	330.66	297.82	270.65	243.87	219.62	197.91	174.88
330.0	429.96	380.54	341.56	310.02	282.93	257.38	233.74	211.11	187.78
360.0	424.36	388.29	336.65	303.11	275.64	250.01	227.99	206.88	187.24

ROLED 投光灯

光强数据表(cd)

附页 第 10页 共10页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	167.75	149.41	128.46	107.66	85.56	63.31	41.36	20.18	1.92
30.0	178.03	154.24	131.22	107.89	87.79	62.46	38.52	16.88	5.76
60.0	165.83	147.11	123.09	96.69	74.13	49.50	27.63	16.27	8.44
90.0	170.36	149.25	124.31	98.45	79.04	50.42	29.47	19.49	10.67
120.0	169.97	150.64	127.54	102.75	78.81	57.02	33.69	18.88	8.90
150.0	184.94	163.22	139.74	115.95	95.38	72.59	47.27	25.78	8.90
180.0	178.34	159.69	139.97	119.25	98.07	76.97	54.94	33.61	12.58
210.0	174.12	150.33	125.85	102.91	81.80	56.79	34.92	13.58	4.30
240.0	159.92	139.20	115.11	88.32	66.61	40.29	21.03	11.36	6.29
270.0	151.56	126.00	100.30	80.19	52.26	29.93	20.18	10.44	4.91
300.0	155.39	133.60	108.74	82.88	61.24	37.06	19.64	8.82	4.53
330.0	164.53	139.74	116.56	94.46	71.60	46.58	25.17	8.36	3.22
360.0	167.75	149.41	128.46	107.66	85.56	63.31	41.36	20.18	1.92
C/γ(°)	90.0								
0.0	0.54								
30.0	1.07								
60.0	2.07								
90.0	3.61								
120.0	3.99								
150.0	3.07								
180.0	1.38								
210.0	0.61								
240.0	0.54								
270.0	0.38								
300.0	0.46								
330.0	0.46								
360.0	0.54								